OLE					ATTY DOCKET NO. 50100-0	SERIAL NO. 09/800,421					
7		ORNATION DISCLOSURE			APPLICANT(S) KINDIG, et al.			27.0			
B MAY	2 4 21	001			FILING DATE  March 6,	FILING DATE GROUP  March 6, 2001			1741 1764		
PAT S TR.	40EM	RHU	U.	S. PATENT	DOCUMENTS						
'EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DA			
bed	1	3,031,287	4/24/62	Benson,	et al.	48-197					
BBN	2	3,700,584	10/24/72	Johanso	n, et al.	208-10	0-				
	-3-	3,921,362	6/28/74	Spacil		423/657	WE(	EI	Tr.		
Ber	4	3,971,639	7/27/76	Matthey	vs	48/202	MAY	5 200	<u> </u>		
pod	5	3,979,505	9/7/76	Seitzer		423/657	TC	70-			
bon	6	4,095,959	6/20/78	Kunstle,	et al.	48/73		100			
logy,	7	4,310,503	1/12/82	Erickson	1	423/657					
Lea	8	4,312,638	1/26/82	Koump		48/197					
hay	9	4,328,009	5/4/82	Fischer,	et al.	48/202					
M2h)	10	4,343,624	8/10/82	Belke, et	al.	48/61					
DOW	п	4,555,249	11/26/85	Leas		48/62					
			FORE	IGN PATEN	T DOCUMENTS				-		
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANS YES	LATION NO		
BOU	FI	JP4318124	11/9/92	Japan		C2210	02	>			
AAS	F2	JP6157003A2 ABSTRAC	(6/3/94	Japan	Japan C01B3		10	>			
								*			
		OTHER DOCUMEN	ITS (Includin	g Author,	Title, Date, Pertine	ent Pages, Etc.)					
لاهم		Straus, J., et al.: Proceed Vol. 2, pp. 861-876.	lings of the 1995 2 from Blos	U.S. DOE	Hydrogen Program F Via Ivan Redi	Review, 18-21 Apr Jetten and C	il 1995, Coral	Gables, Fl	orida,		
	$\bigcup$			•		Carrier .					
XAMINER		Here Nechel		C	DATE CONSIDERED	orhal	1 0				
EXAMINER onsidered.	: Initial	If reference considered, whether e copy of this form with next comm	or not citation is in	n conforman	ce with MPEP 609; Dra		tion if not in con	formance a	nd not		

Form PTO-A820 (also form PTO-1449)

P09C/REV03

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

OF 2

OLEK					ATTY DOCKET NO. 50100-00230	(	SERIAL NO. 09/800,421			
/ , ,	INFO	MATION DISCLOSURE	E CITATION		APPLICANT(S) KINDIG, et al.					
B MAY 2	4 200	ו "		FILING DATE GROUP  March 6, 2001  1741			<del></del>			
(3)					DOCUMENTS					
'EXAMINER	16.5	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT		
age)	12	4,842,719	6/27/89	MacArt	thur, et al.	208/421			NATE .	
\										
						Į.	200			
							CCEI	VE	<b>,</b>	
•							MAY 252	001		
\$							C 170	0		
					·			)		
				a						
			FOREI	GN PATE	NT DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	ATION NO	
						· <del>-</del>				
<del>-\\</del> 1	Т	OTHER DOCUME	NTS (Including	g Author,	Title, Date, Pertinent P	ages, Etc.,	)			
	$\rightarrow$									
EXAMINER	—— 1	lew Worked			DATE CONSIDERED	121.10	( ^			
*EXAMINER considered.	EXAMINER: Initiat-if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.									

Form PTO-A820 (also form PTO-1449) P09C/REV03

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

INFORMATION DISCLOSURE CITATI			ΖΟ,	Docket Number (Optional)  50100-00230  Applicant(s)  Kindia et el			Application Number 09/800,421			
	IIVE	(Use several sheets if neces		1 2001 F	Kindig et al.					
			PAI	<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>	Filing Date March 6	, 2001	Group Art Unit	1741 1764	t	
	ŕ ·		To I	PAT	March 6 ENT DOCUMENTS				-	
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DAT		
BON	1.	4,216,199	08/05/80	Erickso	Erickson		657		~	
$\Delta$										
	7									
	$ \bot $									
									_	
								Ť		
							1			
				FOREIGN	PATENT DOCUMEN	TS	<b>L</b>		_	
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Translation YES N	·O	
$\overline{}$										
							07.			
							2300			
						-	323			
							100			
				OTHER D	OCUMENTS (Includ	ling Author, Title, D	ate, Pertinent Pag	es, Etc.)		
Bor	)   2.	Hydrogen From Coal V	'ia Tin Redox: E	nergy Relat	ed Invention Program	n INV #3, By D. (	C. Erickson, Fel	bruary 1981		
						COPYOF				
MINER	<del>- \</del>	Alexa Med			OATE CONSIDERED	VEIL				
MINER: idered. 1	Initial nclude	if-citation considered, whether o copy of this form with next comm	r not citation is in nunication to appli	conformance	with MPEP Section 609	: Draw line through	citation if not in	conformance and	d n	
n PTO-A	820			PC9A/R	FV64	Patent and Trademan	K.S.W.S. Strandson			

.,,					Docket Number (Optional) 50100-00		Application Number 09	er /800,421	
		RMATION DISCLOSUF (Use several species if neces	RE CITATION		Applicant(s) Kindig et al.			<del></del>	_
<b> </b> -	(	ER 18 JOH			Filing Date 03/06/0		Group Art Unit	1741-1764	
	1	** S. **		U.S. PATI	ENT DOCUMENTS			116	
*EXAMINER INITIAL	REF	TRADE NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE 1F APPROPRIATE	
rag	1.	4,072,514	02/07/78	Suzuki		75	168		
®5	2.	4,126,668	11/21/78	Erickson	1	423	657		
				ļ					
	1								
						-			
				ļ					
			-	ļ					_
				ļ	·				╝
									_
			1	FOREIGN	PATENT DOCUMENT	rs			4
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Translation YES NO	Ⅎ
BN	3.	JP 6-247702	09/06/94	Japan		C01B	3/02		_
$\overline{}$				<u></u>					_
	$\rightarrow$								╛
									╛
							<u> </u>		╛
	<del>-  </del>			OTHER DO		ing Author, Title, D			4
	$\setminus$					REC	١		
	- 1	1				SED	EIVET	5	4
						REC SEP 2 TC 17	0 2002		
EXAMINER	·			- · · · · · · · · · · · · · · · · · · ·	DATE CONSIDERED	70 77	<u>700</u>		4
	<del>- 10</del>	Alexa Noch				almela	0		4
EXAMINER considered.	C: Ihitia Include	al if eitation considered, whether e copy of this form with next com	or not citation is in munication to appli	conformance icant.	with MPEP Section 609:	; Draw line through	h citation if not ir	n conformance and n	ot
									-4

Form PTO-A820 (also form PTO-1449)

P09A/REV04

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE

					Docket Number (Optional) 50100-00		Application Numb	er 2/800,421	
ĺ	INFO	RMATION DISCLOSUS (Use several sheets is sever	BCHATION		Applicant(s) Kindig et al.				
			(2)		Filing Date 03/06/0		Group Art Unit	1741- 1	71.4
		DEB	0 9 7000 10	I'S PAT	ENT DOCUMENTS		- T	1747-1	101
*EXAMINER	REF	DOCUMENT NUMBER	TALENDATE	C.S. TAT	NAME	CLASS	SUBCLASS	FILIN	G DATE
INITIAL.				<b>-</b>				(F APPI	ROPRIATE
Bon	1.	3,880,987	04/29/75	Nahas		423	657	ļ	
						R	<b>A</b>		
						00	CEIL		
						>-	1 1 2000	FD	
						10	7>-		
				<u> </u>			100		
	-								
					<del></del>			<u> </u>	<del></del>
							ļ	ļ	
				FOREIGN	PATENT DOCUMENTS	S			
	REF	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	Tran YES	slation NO
	/	\		<u> </u>					
		<del>\</del>		<del>                                     </del>			<u> </u>	<u> </u>	<del> </del>
			-				ļ		
		7							<u> </u>
	<del>\</del>	<del></del>		OTHER D	OCUMENTS (Including	ng Author, Title, D	ate, Pertinent Pa	ges, Etc.)	
							_		
								ECEI'	
							D	EC 16	2002
							OFFI	CE OF PE	TITIONS
EXAMINER		Alex Nach	00 Q		DATE CONSIDERED	or /zeo/o	·/		
EXAMINER	: Initia	l if citation considered, whether	or not citation is in	conformance	with MPEP Section 609;			n conformai	nce and not
onsidered. I	include	copy of this form with next com	munication to appli	icant.					

Form PTO-A820 (also form PTO-1449)

P09A/REV04

Patent and Trademark Office \* U.S. DEPARTMENT OF COMMERCE